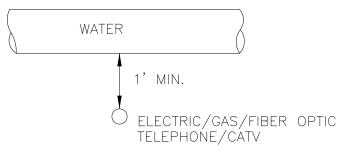


FINICHED ODADE -



LEGEND

D1= 3'Min. for pipe <12" dia D1= 4'Min. for pipe \geq 12" dia

D2= Minimum Cover

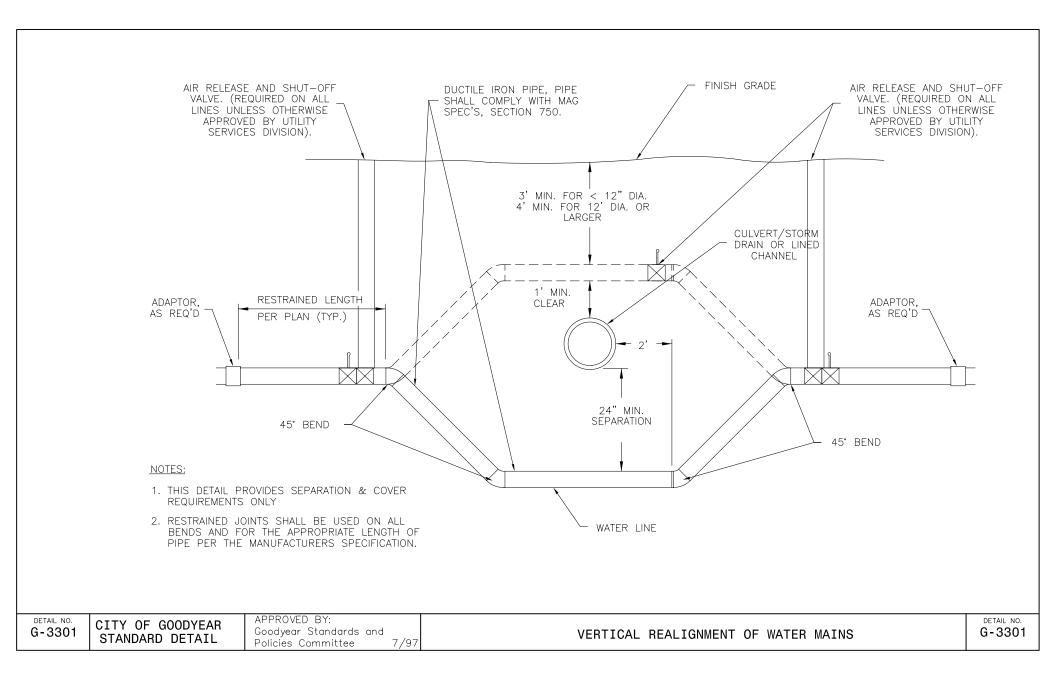
W = Horizontal Separation

CROSSING

NOTES

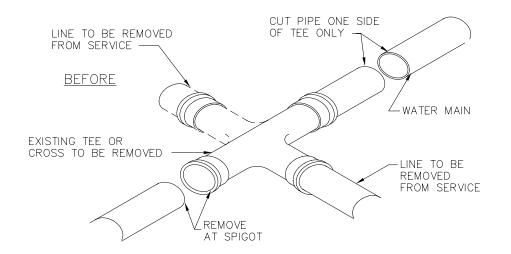
- 1. Electric separation requirements are for primary electric conductors only. For service conductors see plans.
- 2. Primary electric, gas, telepone, cable TV or fiber optic lines shall not cross above a water line without written approval from the City's Utility Service Division If this approval is obtained, a utility locator strip and ABC slurry.

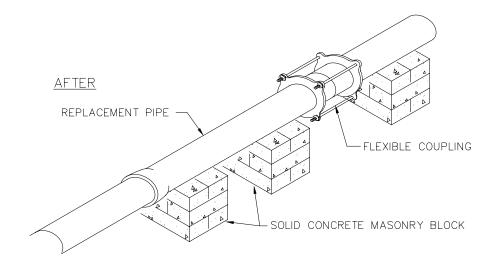
FINISHEI) GRADE	
	W≥6' D1	
D2	WATE	R
	NO SEPARAT REQUIREM	1ENT
	ELECTRIC/GAS/FIBER TELEPHONE/CATV	OPTIC

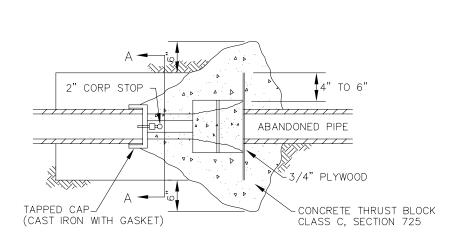


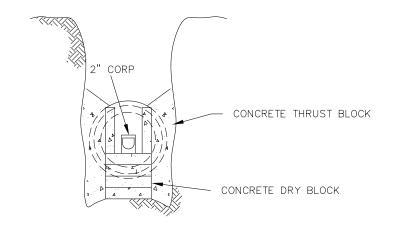
NOTES

- 1. REPLACE PIPE MATERIAL SHALL BE IN KIND OR DUCTILE IRON.
- 2. WHERE POSSIBLE, ONE END OF THE REPLACEMENT PIPE SECTION SHALL CONNECT TO AN EXISTING BELL OR SPIGOT.
- 3. FLEXIBLE COUPLING SHALL BE THE CAST IRON TYPE AND SPECIFICALLY DESIGNED FOR USE ON THE PIPE SIZE AND MATERIAL(S) BEING CONNECTED. USE OF FULL CIRCLE REPAIR CLAMPS IS PROHIBITED.
- 4. THE NEW REPLACEMENT PIPE SECTION SHALL BE ADEQUATELY DRY BLOCKED PRIOR TO BACKFILLING.
- 5. BACKFILLING SHALL NOT BEGIN UNTIL LINE PRESSURE IS RESTORED AND CONNECTIONS INSPECTED FOR LEAKAGE BY WATER DEPARTMENT PERSONNEL.
- 6. DRY BLOCKS SHALL BE STANDARD SIZE SOLID MASONRY CONCRETE BLOCKS. (ASTM C-139)
- 7. REPLACEMENT PIPE SHALL BE CLEANED IN ACCORDANCE WITH SECTION 611.1.

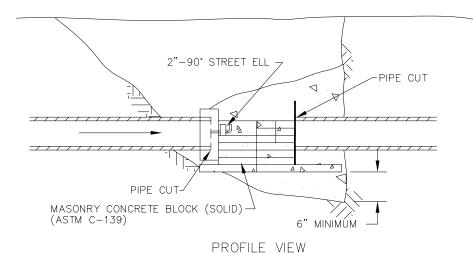








PLAN VIEW



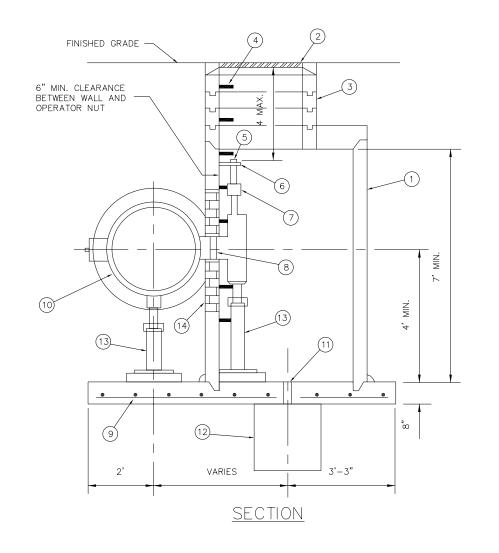
NOTES

- 1. CUT AND PLUGS MUST BE ADEQUATELY "DRY BLOCKED".
- 2. DRY BLOCKS SHALL BE STANDARD SIZE SOLID MASONRY CONCRETE BLOCKS. (ASTM C-139)
- 3. THE QUANTITY AND ARRANGEMENT OF THE BLOCKING MUST WITHSTAND LINE PRESSURE BY HOLDING THE CAP OR PLUG IN POSITION.
- 4. DRY BLOCKING SHALL BE PROPERLY SHIMMED TIGHT AND SECURE AGAINST THE CAP BEFORE LINE PRESSURE IS RESTORED.
- 5. CONCRETE THRUST BLOCKS SHALL NOT BE POURED UNTIL LINE PRESSURE IS RESTORED AND THE CAP OR PLUG IS INSPECTED FOR LEAKAGE.
- 6. CONCRETE SHALL NOT BE POURED OVER ANY PORTION OF THE ABANDONED PIPE.
- 7. MINIMUM THRUST BLOCK AREA PER M.A.G. DETAIL 380.
- 8. WHERE A 4" OR LARGER LINE IS SPECIFIED TO BE ABANDONED, CUT AND PLUG SHOULD OCCUR AT THE SUPPLY MAIN TO AVOID CREATING AN UNUSED DEADEND LINE.

DETAIL NO. **G-3305**

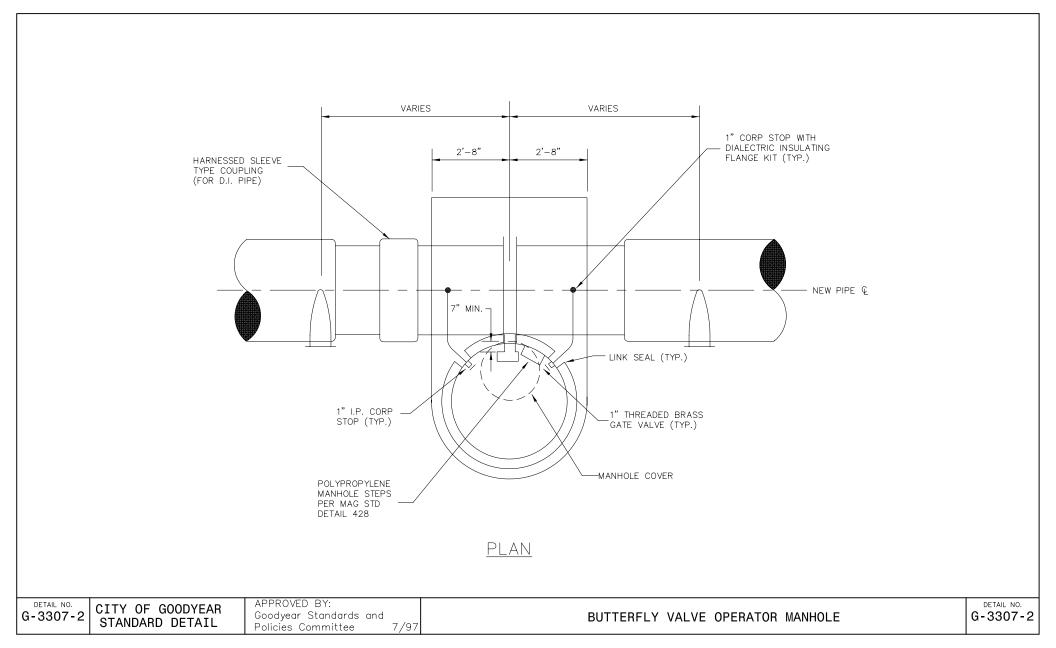
CITY OF GOODYEAR STANDARD DETAIL APPROVED BY:
Goodyear Standards and
Policies Committee 7/97

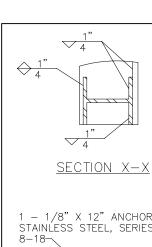
WATERLINE-CUT AND PLUG FOR 12" DIA. MAIN AND SMALLER



LEGEND

- 1) 48" I.D. MANHOLE SHAFT PER MAG STD. DETAIL 420, TYPE "B" TOP
- 2) 30" MANHOLE FRAME & COVER PER MAG STD. DETAIL 424.
- (3) GROUTED ADJUSTING RINGS
- 4 POLYPROYLENE MANHOLE STEPS PER MAG STD. DETAIL 428, 12" SPACING TYPICAL
- (5) OPERATOR NUT
- (6) WALL BRACKET
- (7) PACKING GLAND
- (8) 6" EXTENSION
- 9 #4 REBAR 12" ON CENTER EACH WAY 2" CLEAR TYPICAL
- (10) BUTTERFLY VALVE
- (11) 3" DIAMETER DRAIN
- (12) 8 CU. FT. GRAVEL SUMP
- (13) ADJUSTABLE PIPE SADDLE SUPPORT
- (14) RECTANGULAR CUT-OUT IN MANHOLE SHAFT FILL SPACE BETWEEN SHAFT AND PIPE WITH 1" SHEET FOAM, BRICK AND MORTAR

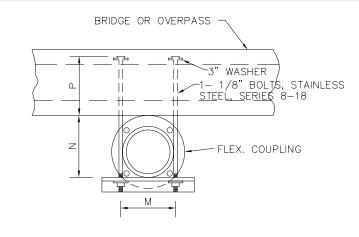


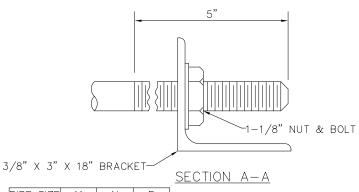




NOTE

- 1. MINIMUM 2 SUPPORTS PER JOINT OF PIPE.
- 2. ALL NUTS SHALL BE STAINLESS STEEL SERIES 8-18.
- 3. ALL BOLTS SHALL HAVE A LOCK WASHER UNDER THE NUT.





PIPE SIZE	М	Ν	Э
8"	10.25"	12"	8"
10"	12.50"	14"	8"
12"	15"	16"	8"

BOTTOM SUSPENSION

1 - 1/8" X 12" ANCHOR BOLTS STAINLESS STEEL, SERIES 8-18- 3" MIN5" X 3" X 12" ∠ -18" LONG	
MIN. STRAP STAINLESS S SERIES 8–18	SIZE 1/8" X 1" TEEL
STR	AP TO BE WELDED TO THREADED INLESS STEEL BOLTS, SERIES 8—18
BRIDGE OR OVERPASS B B B B B B B B B B B B	/.F. LIGHT COLUMN FLANGE — 5/16" WEB

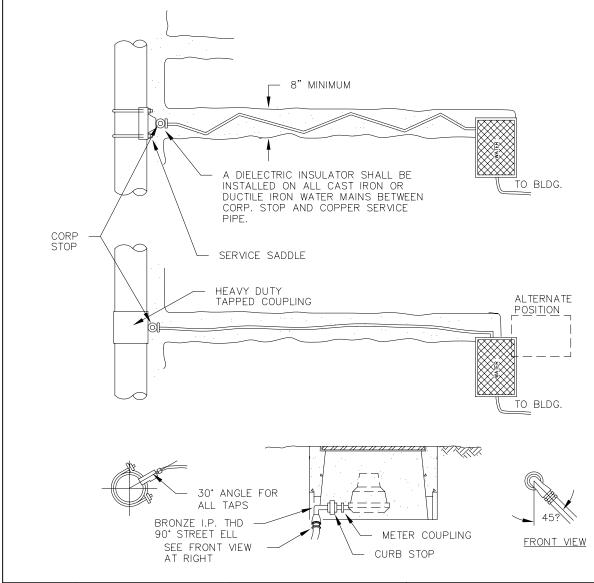
DETAIL NO. **G-3309**

CITY OF GOODYEAR STANDARD DETAIL

APPROVED BY: Goodyear Standards and Policies Committee 7/97

SIDE SUSPENSION

WATER LINE SUSPENSIONS

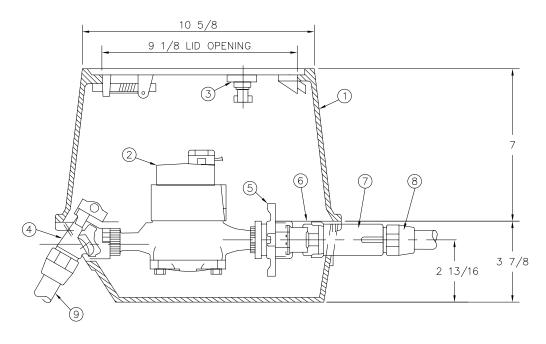


GENERAL NOTES

- NEW WATER SERVICE TAPS SHALL BE INSTALLED USING AN ALL-BRONZE DOUBLE-STRAP TAPPING SADDLE OR A TAPPED COUPLING.
- 30" MINIMUM COVER IS REQUIRED FOR SERVICE LINES.
- 3. WATER SERVICE INCLUDES THE CORP. STOP, SERVICE PIPE, APPURTENANT FITTINGS, CURB STOP, METER BOX & COVER. APPROVED WATER SERVICE COMPONENTS ARE LISTED IN CITY OF PHOENIX SUPPLEMENTS
- 4. DELETED
- 5. ONLY AUTHORIZED PERSONAL OF THE WATER & WASTEWATER DEPT. SHALL INSTALL THE SERVICE CONNECTION FOR ANY EXISTING CITY WATER MAIN SERVING ALL OR PART OF A NEW SUBDIVISION.
- 6. WATER METER WILL BE INSTALLED BY CITY FORCES.
- 7. FOR 3/4" THROUGH 2" SERVICE USE COPPER PIPE.
- 8. FOR WATER METER LOCATION SEE CITY OF GOODYEAR DETAIL G-3313-1

LIST OF MATERIALS

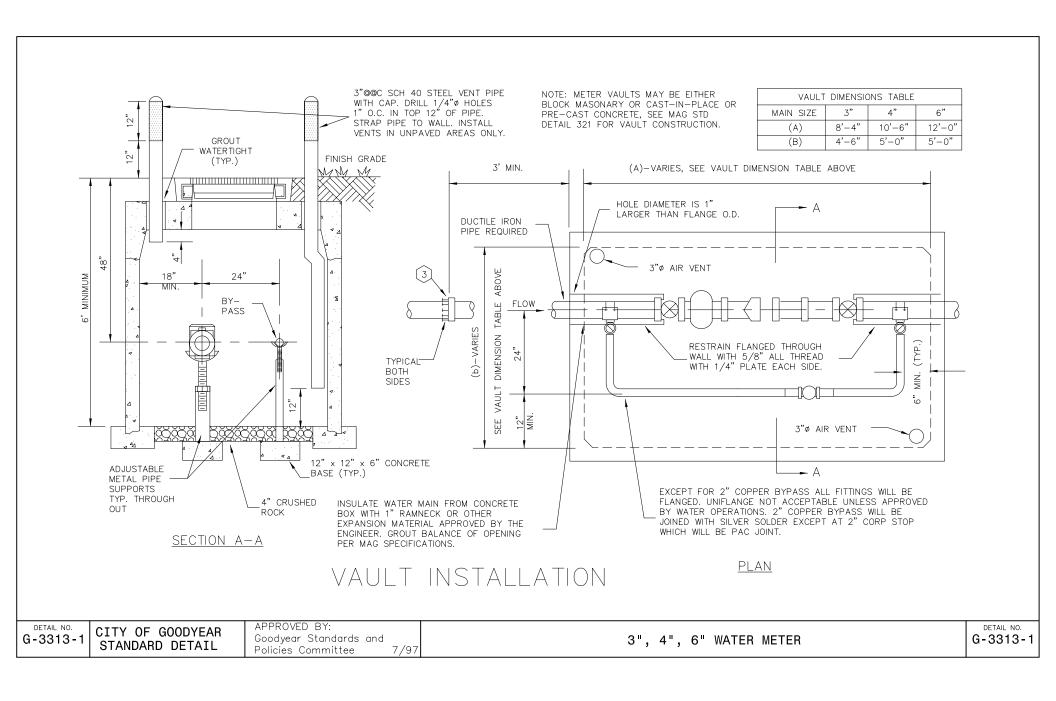
- 1. METER BOX-FOR MODEL YM HC 241-243-T-G OR APPROVED EQUAL
- 2. SENSUS-SRII-TRPL 3/4" x 3/4" SHORT WATER METER
- 3. TOUCHREAD DEVICE
- 4. ANGLE OR STRAIGHT YOKEBOX VALVE
- 5. EXPANSION CONNECTION ASSEMBLY
- 6. CARTRIDGE ACCESS CAP
- 7. DUAL CARTRIDGE CHECK VALVE
- 8. CUSTOMER CONNECTION POINT
- 9. COPPER SERVICE LINE (1" MIN)

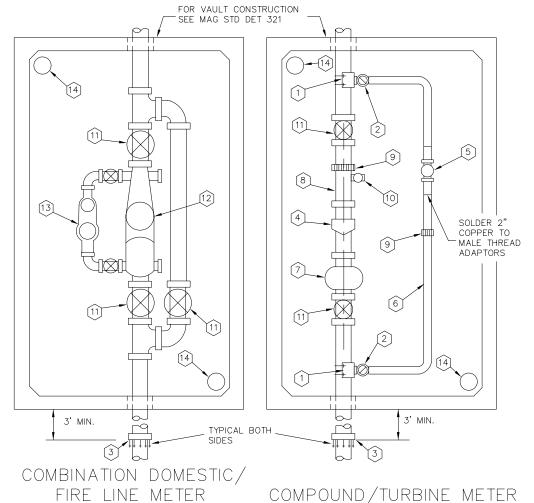


G-3312 CITY OF GOODYEAR STANDARD DETAIL

APPROVED BY: Goodyear Standards and Policies Committee 7/97

3/4" WATER SERVICE METER AND BOX INSTALLATION



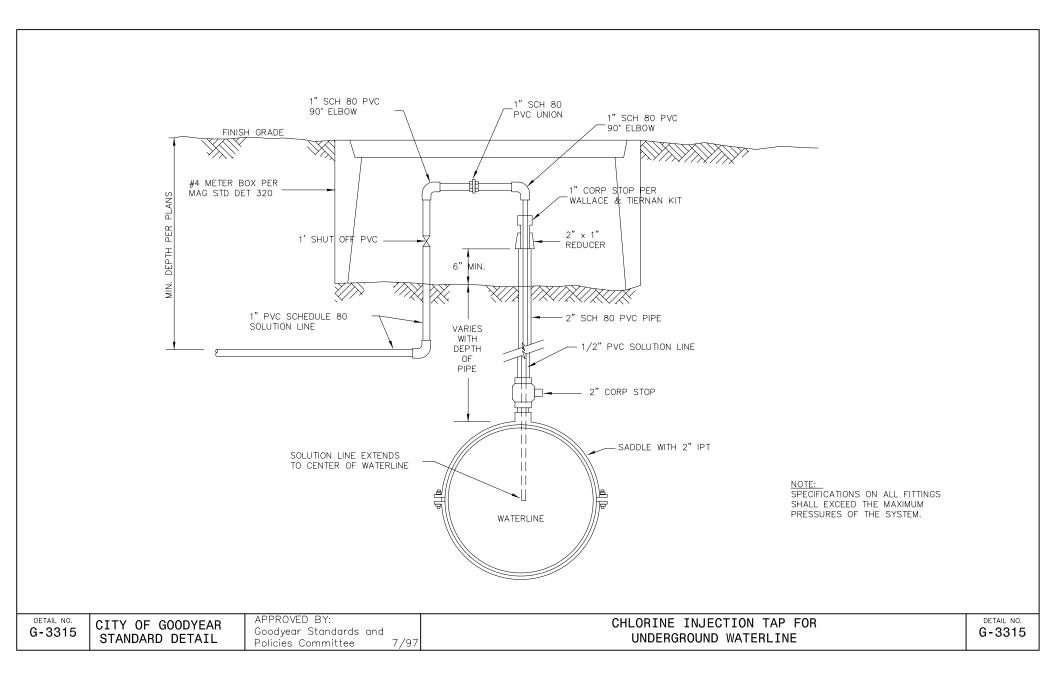


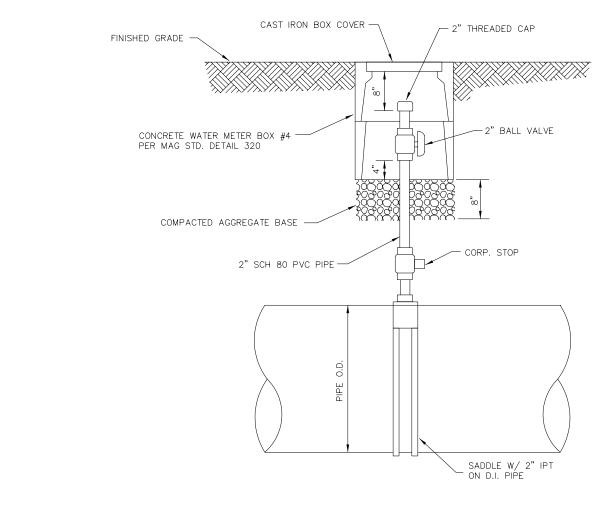
KEY NOTES

- DOUBLE STRAP ALL BRONZE SERVICE SADDLE, OR FLANGED x FLANGED TEE WITH FLANGED x FLANGED VALVE FOR SIZES 3" OR LARGER
- (2) CORP. STOP 2" (BALL TYPE), OR R.W. GATE VALVE WITH NON-RISING STEM HANDWHEEL OPERATOR FOR 3" OR LARGER.
- [3] ADAPTOR, FLANGED TO MECH. JOINT FOR A.C.P.
- 4 TURBOMETER, SENSUS SERIES "W" OR HERSEY SERIES "MHR" OR NEPTUNE TRIDENT TURBINE.
- 5 BRONZE CHECK VALVE FOR 2" LINE, CAST IRON WITH COUNTERWEIGHT FOR 3" LINES AND LARGER. (SAME SIZE AS BY-PASS LINE)
- 6) 2" RIDGED TYPE "K" COPPER BY—PASS LINE, 3" OR LARGER TO BE DUCTILE IRON. NOT LES THAN ONE PIPE SIZE SMALLER THAN METER IN NOTE 4.
- (7) STRAINER, SUPPLIED WITH METER.
- (8) FLANGED SPOOL, (3 PIPE DIAMETERS IN LENGTH, MIN.)
- 9) PROVIDE VICTAULIC COUPLING OR APPROVED EQUAL FOR ALL LINES 3" OR LARGER.
- (10) 2" THREADED OUTLET AND BALL VALVE NOT NEEDED IF VERTICAL TEST VALVE IS PROVIDED ON METER.
- 11) RESILIENT WEDGE GATE VALVE, FLANGED, WITH HAND WHEEL, OPEN LEFT, WITH NON-RISING STEM.
- 12) TURBOMETER U.L. APPROVED: SENSUS W-5000 DR OR W-2000 DR OR HERSEY FM-CT OR NEPTUNE TURBINE-FS-UL.
- 2" TURBINE METER: SENSUS "W-160" OR HERSEY "MHR" OR NEPTUNE TRIDENT TURBINE.
- [14] 3"ø AIR VENT, SEE SHEET 1 OF 2.

<u>NOTES</u>

- 1. FOR LARGER METERS SPECIAL VAULT DESIGN IS REQUIRED.
- 2. USE OF REMOTE READING DEVICE AT OPTION OF UTILITY.
- 3. AN APPROVED BACKFLOW PREVENTION ASSEMBLY SHALL BE REQUIRED DOWNSTREAM OF THE WATER METER. CONTACT WATER RESOURCES, BACKFLOW PREVENTION FOR SPECIFIC INFORMATION.

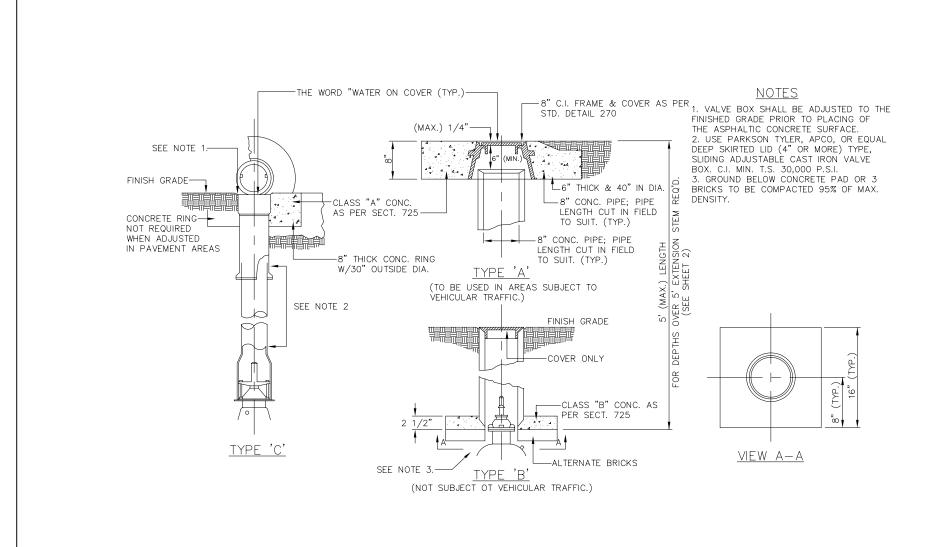


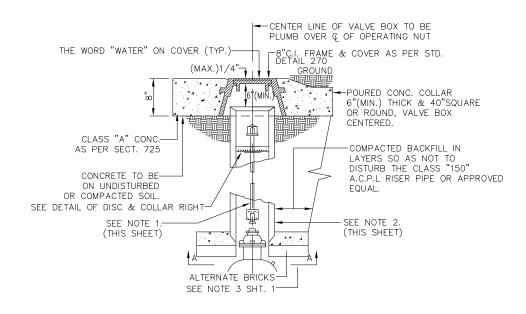


DETAIL NO. G-3316

CITY OF GOODYEAR STANDARD DETAIL APPROVED BY: Goodyear Standards and Policies Committee 7/97

TAP FOR FUTURE CHLORINE INJECTION



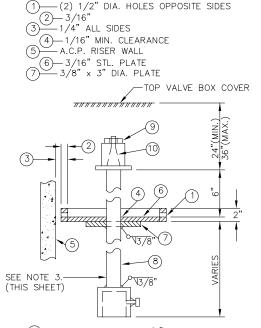


NOTES

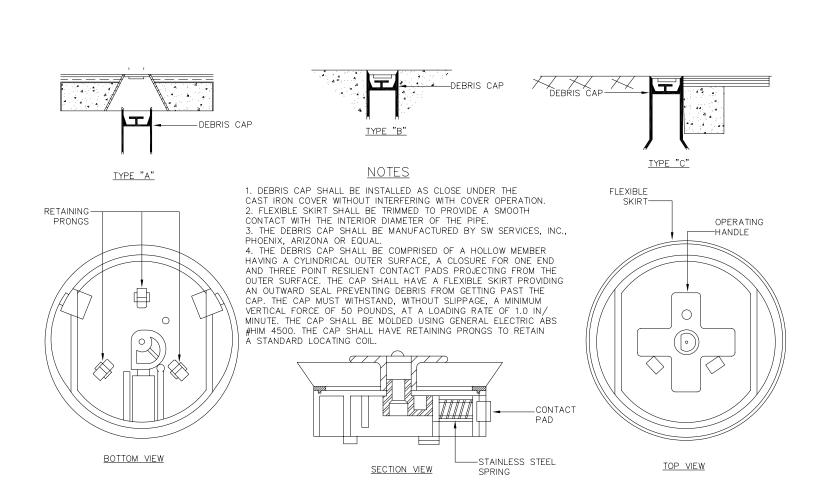
1. EXTENSION STEM: WITH SQUARE SOCKET ON BOTTOM TO FIT 2"SQUARE VALVE NUT. EXTENSION TO VALVE STEMS REQUIRED ON ALL VALVES INSTALLED WHERE OPERATION NUT IS OVER 5' BELOW SURFACE. LENGTH TO FIT EACH INSTALLATION. OPERATING NUT TO BE HELD ON TOP OF EXTENSION WITH STOP NUT.

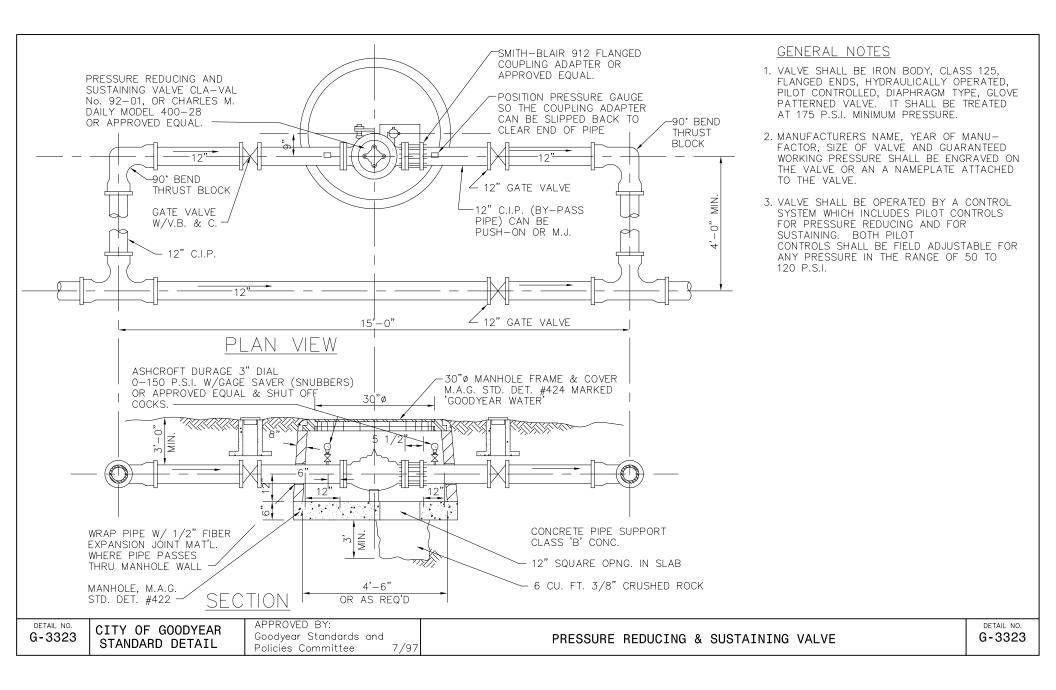
2. IF TWO OR MORE JOINTS OF A.C.P. ARE USED TO MAKE RISER, USE STANDARD A.C. PIPE RUBBER GASKET COUPLING TO JOIN PIPE. WHERE RISER LENGTH EXCEEDS 10' USE 12' A.C. PIPE

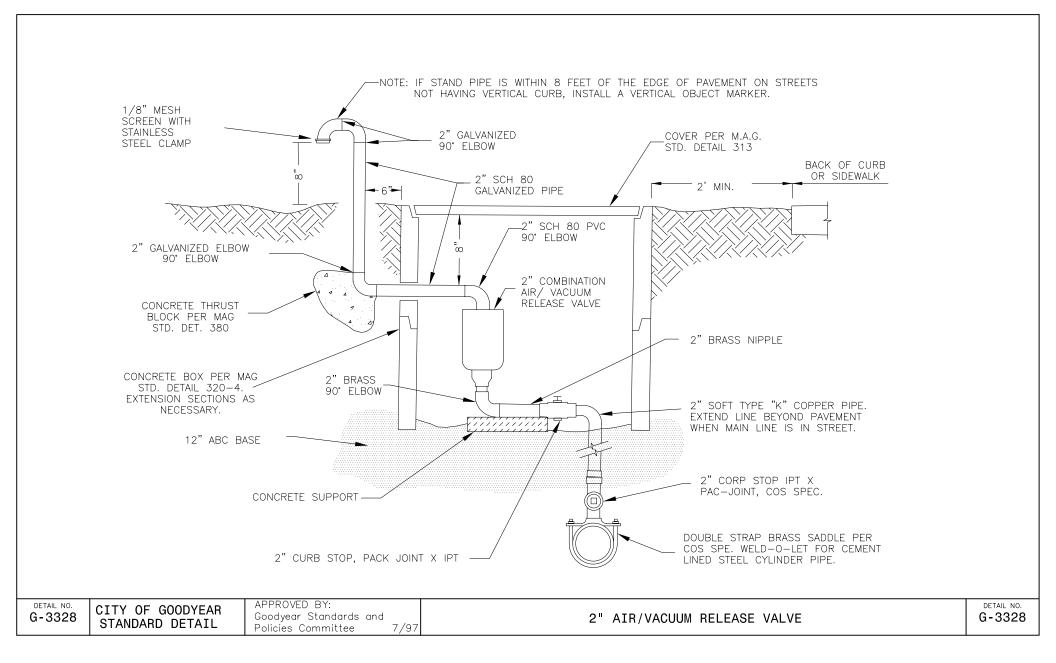
3. STEM PAINTING: ALL STEEL TO HAVE PRIME COAT OF PAINT NO.1-D AND ONE HEAVY APPLICATION (FINISH COAT) OF PAINT NO.9 AS PER SECT. 790.

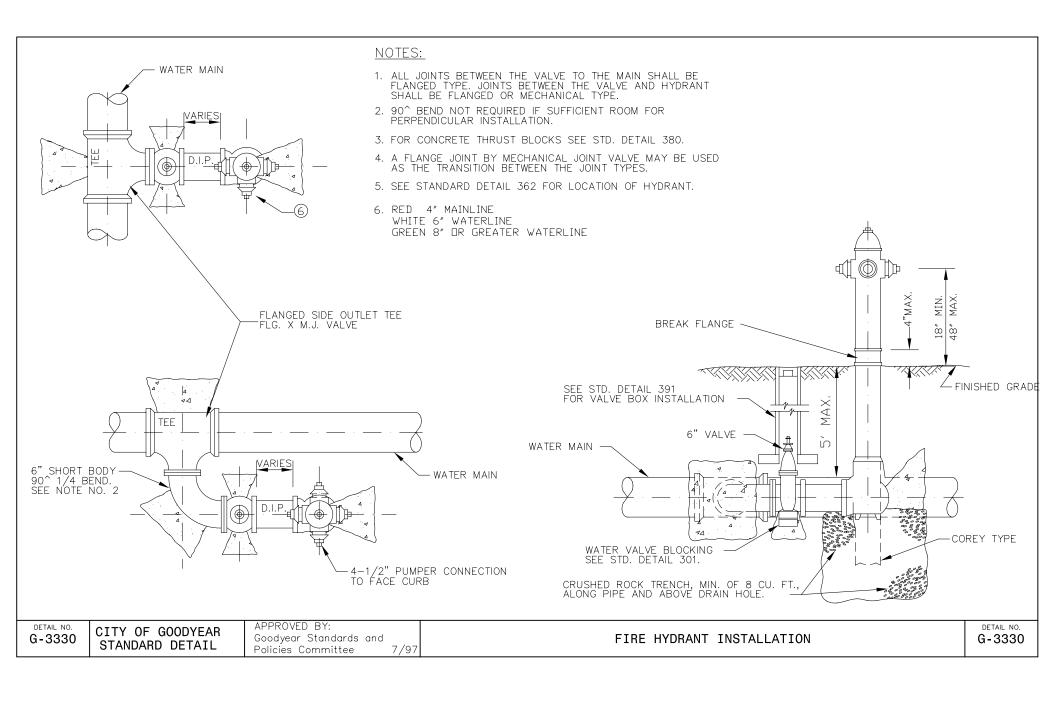


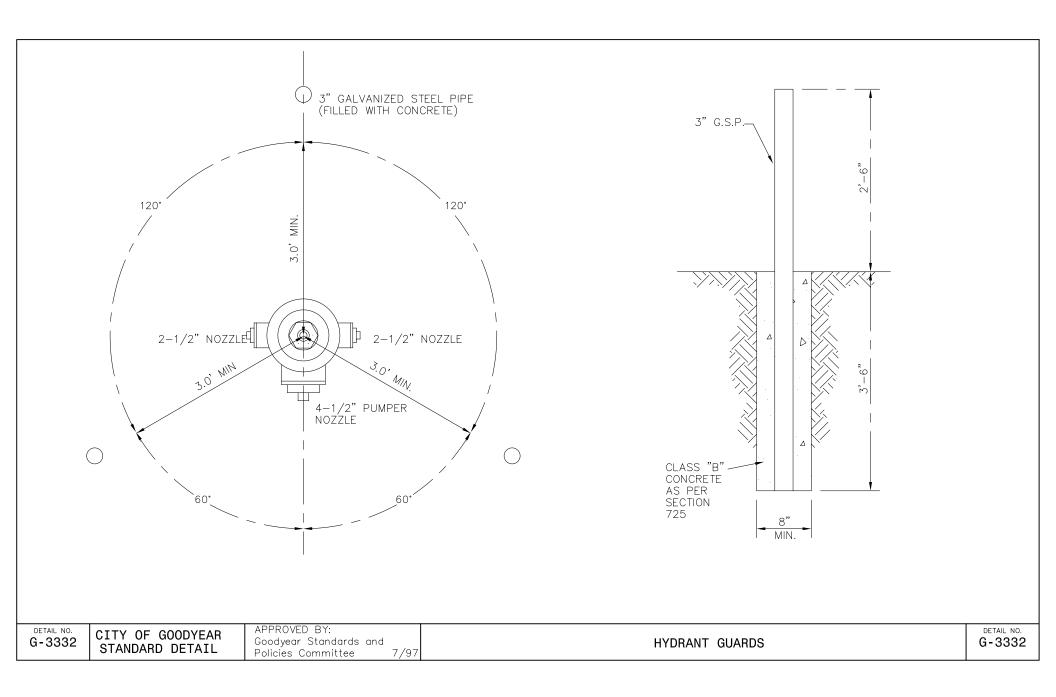
- (1)—MIN. ROD SIZE 1-1/4" DIA. STL. DESIGN. A-15
 (2)—2" SQUARE OPER. NUT TO BE HELD DOWN
 WITH NUT ON THREADED SHAFT AS STD.
 VALVE STEM NUT ATTACHMENT.
- 5 THIS PART OF STEM SQUARE WITH 4 SIDES TAPERED.





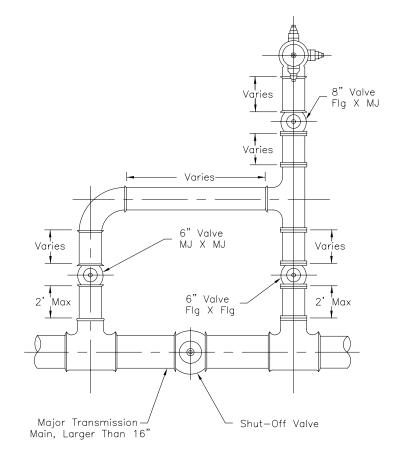


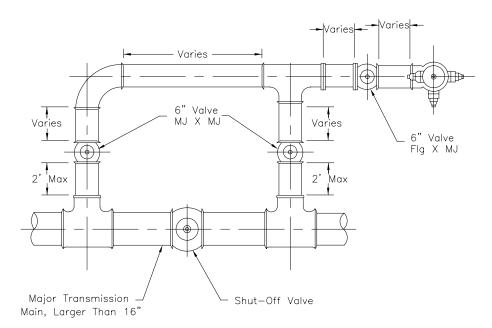


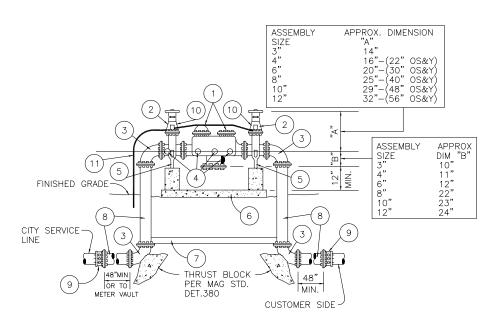




- 1. All joints in hydrant run-out to be restrained joints.
- 2. See Std. Detail G-3320 & G-3321 for valve box installation.
- 3. For water valve blocking see MAG Std. Detail 301.
- 4. For additional information see Std. Detail G-3330.







REDUCED PRESSURE PRINCIPLE DEVICE

GENERAL NOTES

- ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH.
- 2. CONTACT CITY OF GOODYEAR WATER OPERATIONS DIVISION FOR A LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
- 3. FOUR (4) TEST COCKS TO BE INSTALLED PER U.S.C.
- 4. COPPER FITTINGS SHALL BE CONNECTED WITH LEAD-FREE SOLDER JOINTS.
- 5. FINISHED GRADE BELOW BACKFLOW PREVENTER SHALL BE 95% COMPACTION.
- 6. ASSEMBLY MAY BE PAINTED TO BLEND WITH LANDSCAPE SURFACE TREATMENT OR ON-SITE STRUCTURES.
- 7. THE ASSEMBLY MAY ALSO BE SCREENED WITH SHRUBBERY OR BE ENCLOSED WITHIN A WALL TYPE STRUCTURE. ADEQUATE DRAINAGE FOR SURFACE WATER IS REQUIRED.
- 8. ANY SCREENING/ENCLOSURE MUST PROVIDE A MINIMUM 18" ACCESS OPENING (UNSECURED GATES ARE ACCEPTABLE) AND SIDE WALLS OR SHRUBBERY MUST BE A MINIMUM OF 24" FROM THE OUTSIDE FACE OF ANY PORTION OF THE BACKFLOW PREVENTION DEVICE.
- 9. ASSEMBLY MAY BE PROTECTED BY GUARD POSTS (MODIFY P-1359, HYDRANT GUARDS, PHOENIX SUPPLEMENT TO MAG).

LIST OF MATERIALS

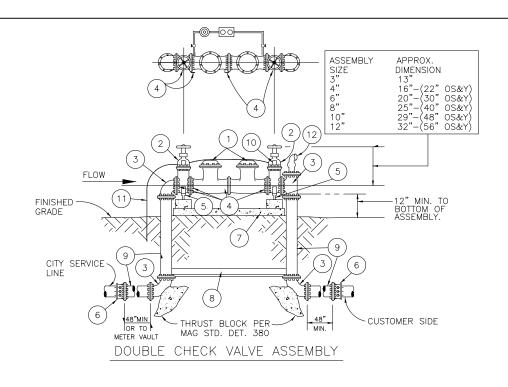
- 1) APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE.
- (2) GATE VALVE, RESILIENT SEATED (NON-RISING STEM)(O.S.&Y. REQUIRED ON FIRELINES).
- 3 90° ELL (FLANGED D.I.P. 3" THROUGH 12").
- (4) TEST COCK, RESILIENT SEATED (4 REQUIRED) FIT WITH BRASS PLUG.
- 5 ADJUSTABLE PIPE SUPPORT PERMANENTLY ATTACHED TO BASE (4" AND LARGER ASSEMBLY ONLY).
- 6 CONCRETE SUPPORT PAD 4" THICK BY 18" WIDE MINIMUM BENEATH 4" AND LARGER ASSEMBLIES. (CLASS "A" CONCRETE)

- (7) 3"X3"X1/4" STEEL ANGLE. BOLT TO FLANGE, EACH END WITH ONE BOLT. COAT WITH COAL TAR EPOXY (16 MILS) REQUIRED ON 4" AND LARGER ASSEMBLIES.
- (8) PIPE SPOOL (FLANGED D.I.P. 3" THRU 12").
- 9) FLANGED ADAPTER (WHEN REQUIRED).
- (10) TAMPER SWITCH (ON FIRELINE ONLY, OPTIONAL).
- (11) ELECTRICAL CONDUIT FOR TAMPER SWITCH.

DETAIL NO. G-3351

CITY OF GOODYEAR STANDARD DETAIL APPROVED BY:
Goodyear Standards and
Policies Committee 7/97

REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY INSTALLATION - 3" AND OVER



GENERAL NOTES

- ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH.
- 2. CONTACT CITY OF GOODYEAR, WATER OPERATIONS DIVISION, FOR A LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
- 3. FOUR (4) TEST COCKS TO BE INSTALLED PER U.S.C.
- 4. COPPER FITTINGS SHALL BE CONNECTED WITH LEAD-FREE SOLDER JOINTS.
- 5. FINISHED GRADE BELOW BACKFLOW PREVENTER SHALL BE 95% COMPACTION.
- 6. ASSEMBLY, EXCEPT SIAMESE F.D.C., MAY BE PAINTED TO BLEND WITH LANDSCAPE SURFACE TREATMENT OR ON-SITE STRUCTURES.
- 7. THE ASSEMBLY MAY ALSO BE SCREENED WITH SHRUBBERY OR BE ENCLOSED WITHIN A WALL TYPE STRUCTURE. ADEQUATE DRAINAGE FOR SURFACE WATER IS REQUIRED.
- 8. ANY SCREENING/ENCLOSURE MUST PROVIDE A MINIMUM 18" ACCESS OPENING (UNSECURED GATES ARE ACCEPTABLE) AND SIDE WALLS OR SHRUBBERY MUST BE A MINIMUM OF 24" FROM THE OUTSIDE FACE OF ANY PORTION OF THE BACKFLOW PREVENTION DEVICE.
- 9. ASSEMBLY MAY BE PROTECTED BY GUARD POSTS (MODIFY PER G-3332, HYDRANT GUARDS, GOODYEAR SUPPLEMENT TO MAG).

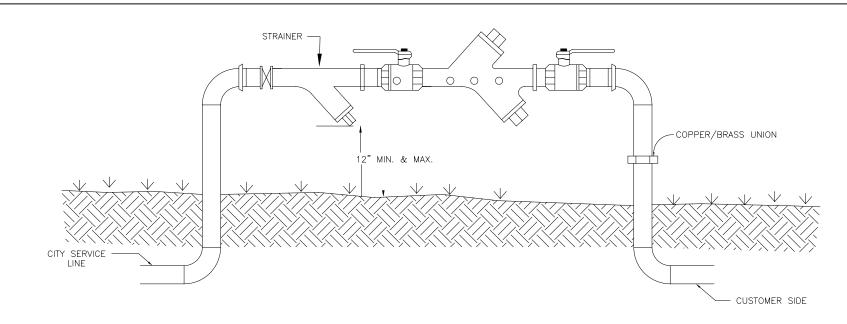
LIST OF MATERIALS

- (1) APPROVED DOUBLE CHECK VALVE ASSEMBLY.
- (2) GATE VALVE, RESILIENT SEATED (NON-RISING STEM)(O.S.&Y. REQUIRED ON FIRELINE).
- 3 90° ELL (FLANGED D.I.P. 3" THROUGH 12").
- (4) TEST COCK, RESILIENT SEATED (4 REQUIRED) FIT WITH BRASS PLUG.
- 5 ADJUSTABLE PIPE SUPPORT PERMANENTLY ATTACHED TO BASE (4" AND LARGER ASSEMBLY ONLY).
- (6) FLANGE ADAPTER (WHEN REQUIRED).

- (7) CONCRETE SUPPORT PAD 4" THICK BY 18" WIDE MINIMUM BENEATH 4" AND LARGER ASSEMBLIES. (CLASS "A" CONC)
- (8) 3"X3"X1/4" STEEL ANGLE. BOLT TO FLANGE, EACH END WITH ONE BOLT. COAT WITH COAL TAR EPOXY (16 MILS) REQUIRED ON 4" AND LARGER ASSEMBLIES.
- 9) PIPE SPOOL (FLANGED D.I.P. 3" THRU 12").
- (10) TAMPER SWITCH (ON FIRELINE ONLY, OPTIONAL).
- (11) ELECTRICAL CONDUIT FOR TAMPER SWITCH.
- 12) TEE, BLIND FLANGE TAPPED 4" WITH SIAMESE 2 1/2" F.D.C. WITH NATIONAL STANDARD THREADS AND CHECK VALVE PAINTED RED.

DETAIL NO.
G-3352

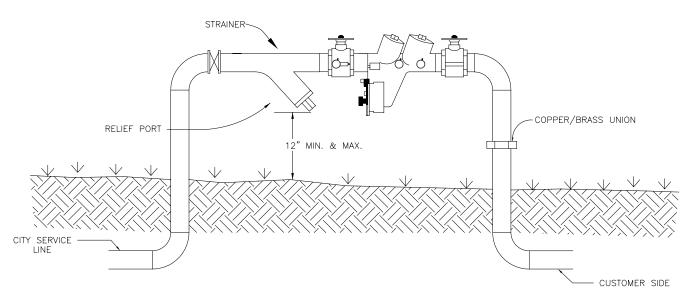
CITY OF GOODYEAR STANDARD DETAIL APPROVED BY: Goodyear Standards and Policies Committee 7/97 DOUBLE-CHECK DETECTOR VALVE BACKFLOW PREVENTION ASSEMBLY INSTALLATION - 3" AND OVER



NOTES:

- 1. ALL PIPE/FITTINGS TO BE TYPE "K" COPPER.
- 2. CONTACT CITY OF PHOENIX WATER SERVICES DEPARTMENT, WATER QUALITY DIVISION FOR LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
- BACKFLOW PREVENTION ASSEMBLY MUST BE LEVEL AND INSTALLED A MINIMUM AND A MAXIMUM OF 12 INCHES FROM ASSEMBLY BODY TO FINAL GRADE.
- 4. TEST COCKS, (4) SHALL BE FITTED WITH BRASS PLUGS INSTALLED WITH TEFLON TAPE.
- 5 SHUTOFF VALVES TO BE RESILIENT BALL TYPE WITH REMOVABLE HANDLES.

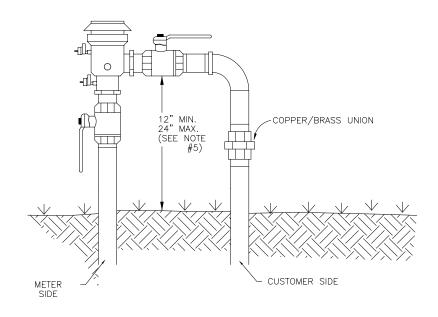
- 6. COMPRESSION TYPE FITTINGS ARE NOT ALLOWED.
- INSTALL THE BACKFLOW PREVENTION ASSEMBLY IMMEDIATELY DOWNSTREAM OF THE CITY WATER METER.
- 8. A COPPER/BRASS UNION MUST BE INSTALLED IN THE MIDDLE OF THE DOWNSTREAM RISER.
- 9. ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS—CONNECTION CONTROL AND HYDRAULIC RESEARCH.
- 10. COPPER FITTINGS SHALL BE CONNECTED WITH LEAD-FREE SOLDER JOINTS.



NOTES:

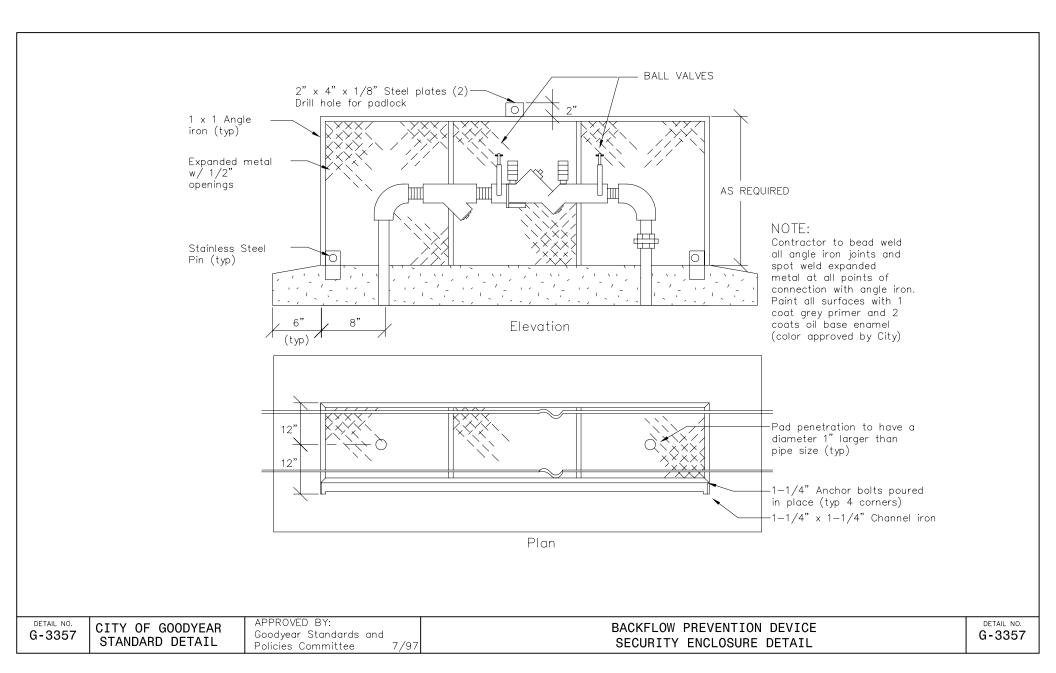
- 1. ALL PIPE/FITTINGS TO BE TYPE "K" COPPER.
- ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS—CONNECTION CONTROL AND HYDRAULIC RESEARCH.
- 3. INSTALL BACKFLOW PREVENTION ASSEMBLY WITH RELIEF PORT FACING TOWARD THE GROUND.
- 4. BACKFLOW PREVENTION ASSEMBLY MUST BE LEVEL AND INSTALLED A MINIMUM AND A MAXIMUM OF 12 INCHES FROM RELIEF PORT TO FINAL GRADE.
- PAVER CONCRETE BLOCK UNDER RELIEF PORT, SET AT FINAL GRADE.
- 6. TEST COCKS, (4) SHALL BE FITTED WITH BRASS PLUGS AND INSTALLED WITH TEFLON TAPE.

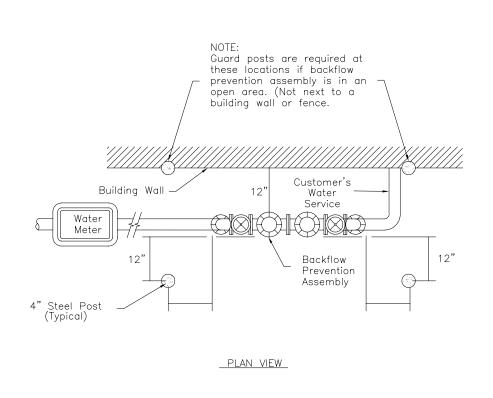
- 7. SHUTOFF VALVES TO BE RESILIENT BALL TYPE WITH REMOVABLE HANDLES.
- 8. COMPRESSION TYPE FITTINGS ARE NOT ALLOWED.
- 9. INSTALL THE BACKFLOW PREVENTION ASSEMBLY IMMEDIATELY DOWNSTREAM OF THE CITY WATER METER.
- 10. A COPPER/BRASS UNION MUST BE INSTALLED IN THE MIDDLE OF THE DOWNSTREAM RISER.
- CONTACT CITY OF PHOENIX WATER SERVICES DEPARTMENT, WATER QUALITY DIVISION FOR LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
- 12. COPPER FITTINGS SHALL BE CONNECTED WITH LEAD—FREE SOLDER JOINT.

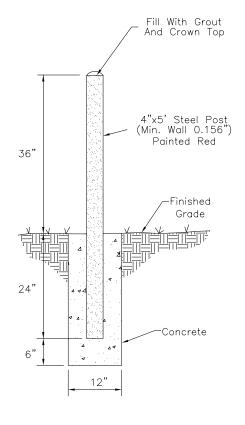


NOTES:

- CONTACT CITY OF PHOENIX WATER SERVICES DEPARTMENT, WATER QUALITY DIVISION FOR LIST OF APPROVED PRESSURE VACUUM BREAKER ASSEMBLIES.
- ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH.
- 3. TWO (2) TEST COCKS SHALL BE FITTED WITH BRASS PLUGS INSTALLED WITH TEFLON TAPE.
- 4. SHUTOFF BALL VALVES MUST BE RESILIENT SEATED VALVES AS PER U.S.C..
- 5. ASSEMBLY MUST BE INSTALLED 12 INCHES ABOVE THE HIGHEST OUTLET ON THE SYSTEM. IF THE DISTANCE EXCEEDS 24 INCHES A REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY MUST BE USED.
- 6. ALL PIPE/FITTINGS TO BE TYPE "K" COPPER.
- 7 . A COPPER/BRASS UNION MUST BE INSTALLED IN THE MIDDLE OF THE DOWNSTREAM RISER.
- 8 . INSTALL THE BACKFLOW PREVENTION ASSEMBLY IMMEDIATELY DOWNSTREAM OF THE CITY WATER METER.
- 9 . COPPER FITTINGS TO BE CONNECTED WITH LEAD-FREE SOLDER JOINTS.







_GUARD_POST_SECTION_

